1551629-2 ✔ ACTIVE

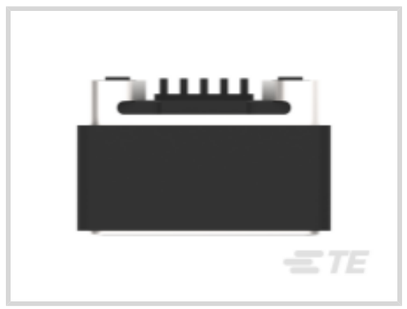
TE Internal #: 1551629-2

AB, Micro USB, 2.0, Receptacle, 5 Position, Top Mount, 1 Port, Right Angle, Package, IPX4, Offset, Surface Mount, Cable-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors







USB Type: **AB**

USB Version: **2.0**

Connector Profile: **Micro**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Product Type Features

Integral Locking Latch	Without
USB Type	AB
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Ports	1
Number of Positions	5

Body Features

Shell Plating Finish	Matte
Shell Plating Material	Tin
Offset	.8 mm
Connector Profile	Micro

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	1.8 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Top Mount
PCB Connector Seating	Offset
PCB Mount Retention Type	SMT Hold-Down
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Body Orientation	Right Angle
Centerline (Pitch)	.65 mm[.025 in]

Dimensions

PCB Thickness (Recommended)	.8 – 1 mm[.031 – .039 in]

Usage Conditions

Soldering Temperature (Max)	260 °C[500 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Halogen Free	No
Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

Moisture Sensitivity Level	1
UL Flammability Rating	UL 94V-0
IP Rating	IPX4

Packaging Features

Packaging Quantity	1000
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Customers Also Bought



TE Part #292448-1
3.0mm PITCH 3P SMT ASSEMBLY BATTERY CONN

Documents

Product Drawings

MICRO USB, TYPE A/B, SPLASHPROOF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1551629-2_B_c-1551629-2-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1551629-2_B_c-1551629-2-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1551629-2_B_c-1551629-2-b.3d_stp.zip

English

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Product Specifications

Product Specification

English